



# SERVICE BULLETIN

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## Health Imaging Products

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Eastman Kodak Company, Health Imaging, Rochester, NY 14650

**SERVICE BULLETIN NO. 280**

**June 1998**

**3058 Kodak X-Omat MULTILOADER 300**  
**3488 Kodak X-Omat MULTILOADER 300 Plus**  
**3059 Kodak X-Omat 270 RA PROCESSOR**  
**3434 Kodak X-Omat 3000 RA PROCESSOR**  
**3198 Kodak X-Omat 180 LP PROCESSOR**  
**3227 Kodak X-Omat 180 LPS PROCESSOR**

### **New Type 1 Required Mod Kit Available:** **Mod 11- 180 LP and the 180 LPS PROCESSORS**

The purpose of this Mod is to improve the reliability of the PROCESSOR by:

- Changing the input AC voltage to the QUAD POWER SUPPLY from 240 VAC to 120 VAC, which allows the power supply to run cooler, and extends the life of the POWER SUPPLY components.
- Installing a new QUAD POWER SUPPLY. Do not reuse the existing QUAD POWER SUPPLY, it may have been degraded by the heat from operation at 240 VAC.
- Installing new Operating Software, Ver. 2.25, which ignores the signal from the ENTRANCE DETECTOR SWITCHES. Erroneous signals from mis-adjusted switches can cause false and random errors to be reported, which can adversely affect productivity of the machine. Film count information will no longer be available in the PROCESSOR diagnostic program, but is still available through the LASER PRINTER software.
- Replacing the connecting hardware for the INTERFACE CABLE which connects the PROCESSOR to the LASER PRINTER. It was found that the existing hardware on the PROCESSOR does not allow full engagement of the pins into the sockets of the connector. This could result in intermittent electrical contact, and communication errors between the LASER PRINTER and the PROCESSOR.

This is a Type 1 Required Modification, which must be done to all processors in the following serial number range:

180 LP PROCESSOR.....101 - 3969  
180 LPS PROCESSOR.....10001 - 13499

Modification Kit **7C8702** is now available from Service Parts Management.

This kit will be available at no charge for a period of 1 year from the date of this Service Bulletin.

In order to install this Mod, you will need the following tools:

- Portable Computer
- Interface Cable, TL-4391

Installation time is approximately 1.5 hours.

**Special Requirements:**

180 LP/ LPS Processors with a Sorter must have Mod 1 pn 1C7525 installed on the Sorter (check the Mod sticker located on the back edge of the hinged section of the SORTER before attempting to download the 2.25 Software.

**Service Effects:** The WIRING DIAGRAMS PACKAGE in the Service Binder will be updated with the new wiring configuration, at the next revision.

## **180 LP and the 180 LPS PROCESSORS with Mod 11** **No Longer Shipped with Entrance Detector Switches**

180 LP and LPS Processors with factory-installed Mod 11 are now shipped without ENTRANCE DETECTOR SWITCHES, and the associated wiring, as follows:

- 180 LP Processor Serial No. 4000 and up
- 180 LPS Processor Serial No. 13500 and up

**New Type 1 Required Mod Kit Available:**  
**Mod 39 for the MULTILOADER 300**

The purpose of this Mod is to verify that the ground wiring is correct in the 270 RA INTEGRATED PROCESSOR in the MULTILOADER 300. This is a safety related Mod, and must be performed to insure that the PROCESSOR ground lug is wired in compliance with the design specifications for the unit. The Mod requires you to access the wiring at the rear of the PROCESSOR and install the washers and nuts in the order shown in the instructions provided with the kit.

This is a Type 1 Required Modification, which must be done to all processors in the following serial number range:

MULTILOADER 300.....101 - 1565 (Serial no. is for the PROCESSOR)

- Modification Kit **9B8439** is now available at no charge, from Service Parts Management.
- No special tools are needed to install this Mod.
- Installation time is 1 hour.

**Type 2 Mod Kit Postponed- To Be Announced Later This Year:**

**Mod 41 for the MULTILOADER 300**

**Mod 23 for the 270 RA PROCESSOR**

**Mod 10 for the 180 LP/ LPS PROCESSORS**

The purpose of this Mod will be to upgrade the DRYER RACK to the latest production specifications. These Mods have been postponed in order to incorporate an additional improvement which will soon be incorporated into production units.

**Correction to previous Service Bulletin # 258**

There was an error in the article entitled **Wiring Harness, Kodak X-Omat 180 LP and LPS Processors**, at the bottom of page 2 of the Service Bulletin. The publication referred to was **1C7481**, it should read **1C7841**. Please correct this error on any copies of Service Bulletin #258.

## **Error in the 180 LP/ LPS Parts List Publication # 1C7842, dated February 1996**

Refer to the above 180 LP/ LPS Parts List, and make the following corrections:

- Page 6-7 The **RECIRCULATION PUMP ASSEMBLY** has the wrong part number. Change the part number to **1C4594**.
- Page 6-9 The **REPLENISHMENT PUMP ASSEMBLY** has the wrong part number. Change the part number to **1C4593**.
- Page 6-9 Item # 9, the **NUT** has the wrong part number. Change the part number to **594839**, and add to the notes column for item # 9: "This part number is for the NUT only, it does not include the CONNECTING ROD. The CONNECTING ROD is not available as a service part."

## **Error in the 270 RA Parts List Publication # 2B6844, dated 5/94**

Refer to the 270 RA Parts List, and make the following corrections:

- Page 3-63 Item # 15, The **SQUEEGEE ROLLER, DRIVEN** has the wrong part number. Change the part number to **1C0983**.
- Page 3-63 Item # 16, The **SQUEEGEE ROLLER, DRIVE** has the wrong part number. Change the part number to **1C0985**.

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### **For More Information:**

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